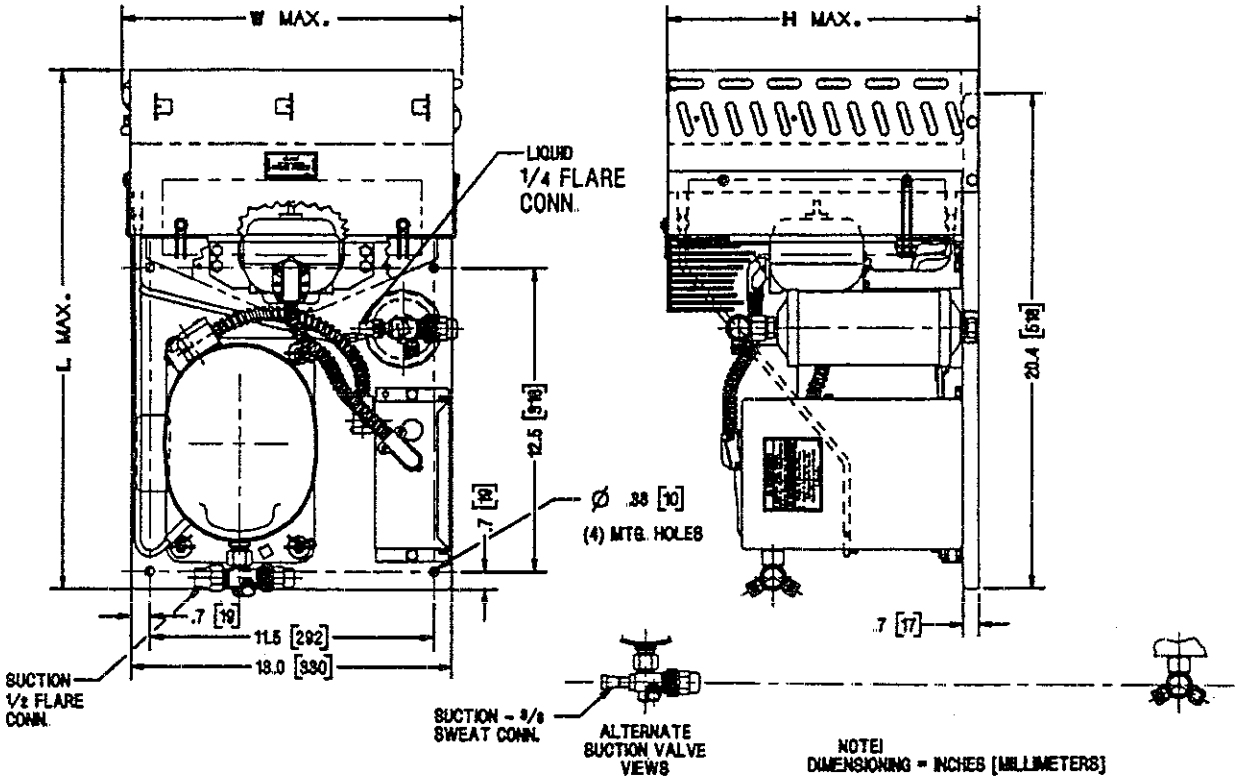
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AKA4476YX*XC (Formerly AK4476YC) R134a 1/2 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AKA4476YX*XC	20.6	13.9	13.2	10.0	1/2 F	1/4 F	3.5#	590	17	86

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig dry air - **MUST BE EVACUATED** **60 HZ Performance**

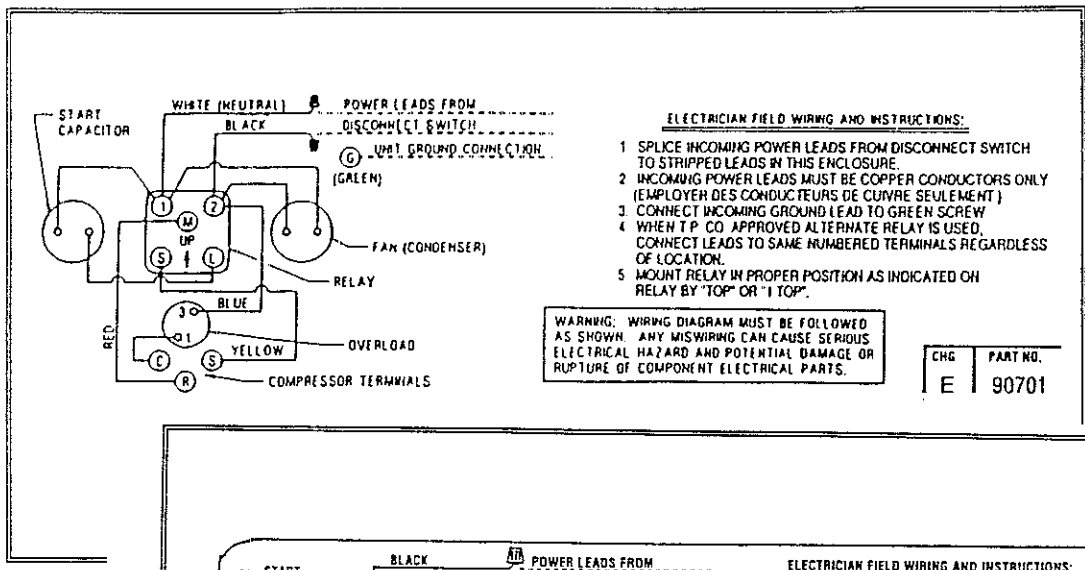
Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	18.4	4400	870	155	4050	880	170	3650	890	190
25	22.1	4900	910	165	4450	930	180	4050	950	200
30	26.0	5400	980	170	4900	1010	190	4500	1040	210
35	30.3	5950	1040	180	5400	1080	200	4950	1120	225
40	35.0	6500	1110	185	5900	1160	210	5350	1200	235
45	40.0	7100	1180	195	7400	1240	220	5850	1300	250
50	45.3	7700	1260	205	6900	1330	230	6350	1400	265
55	51.1	8400	1340	215	7500	1430	245	6850	1510	280

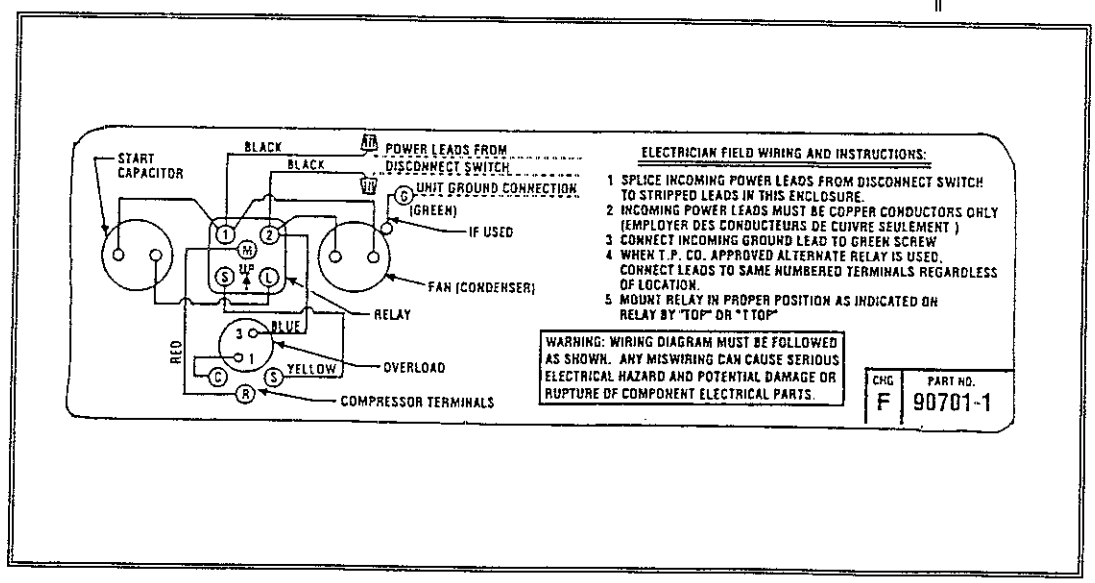
65 ° F return gas temp., 5 ° F subcooling

Date: 4-1-97

SPECIFICATIONS	AKA4476YXAXC	AKA4476YXDXC
Nominal Voltage	115-60-1	230/208-60-1
Unit B/M	2C294-9	2D232-9
Voltage Range	126.5 to 103.5	253 to 187
Min. Circuit Ampacity	15.5	7.8
Max. Fuse Size (Amps)	25	15
Compressor Model	AKA4476YXA	AKA4476YXD
Bill of Material	AK169AT-038	AK169ET-038
RLA/LRA	11.3/58.8	5.7/27.4
Fan RLA	1.4	.70
Cap. Cab. Assy.	AE1197-044	AE1197-052
ESP Overload	P83544	P83605
ESP Relay	P82498-1	P82983
Start Cap.	85PS125C94	85PS250D10
Rating	378-440/125V	130-156/250V
Fan Motor	TFM351	TFM352
Fan Motor Brckt	57144	
Fan Blade	51541-1	
Shroud	70724-2	
Condenser	50798-2	
Fan Guard	71020	
Unit Drawing		SU1909-24
Schematic or Elect. Dwg.		90701 (115)
		90701-1 (230/208)

Receiver Tank	51080-1
Receiver Tank Valve	31584 (1/4"F)
Suction Rotolock	31579 (1/2"F)


START CAPACITOR
WHITE (NEUTRAL)
BLACK
POWER LEADS FROM DISCONNECT SWITCH
UNIT GROUND CONNECTION (GREEN)
FAN (CONDENSER)
RELAY
BLUE
YELLOW
RED
OVERLOAD
COMPRESSOR TERMINALS
ELECTRICIAN FIELD WIRING AND INSTRUCTIONS:
1 SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE.
2 INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT)
3 CONNECT INCOMING GROUND LEAD TO GREEN SCREW
4 WHEN T.P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.
5 MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "I TOP".
WARNING: WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENT ELECTRICAL PARTS.
CHG E
PART NO. 90701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CHG F
PART NO. 90701-1

U.L. Listed -----(60 HZ only)----File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C